



ILRS TECHNICAL WORKSHOP 2019

Stuttgart 21st - 25th October

Welcome

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Institute of Technical Physics
Stuttgart and Lampoldshausen



Knowledge for Tomorrow



German Aerospace Center DLR at a Glance

Aeronautics

Space

Transport

Energy



- **Research Institution**
- Space Agency
- Project Management Agency



DLR at a Glance

Approx. 8500 employees across 50 institutes and facilities at 26 sites.

Offices in Brussels, Paris, Tokyo and Washington.

Total annual budget R&D in 2018: €1050 Mio



DLR Site Stuttgart

Employees: 850

Size of site: 25 000 m²

Research institutes:

- Institute of Structures and Design
- Institute of Vehicle Concepts
- **Institute of Technical Physics**
- Institute of Technical Thermodynamics
- Institute of Combustion Technology
- Institute of Solar Research



Institute of Technical Physics

Laser systems for applications in

Aeronautics

Laser based optical air data systems

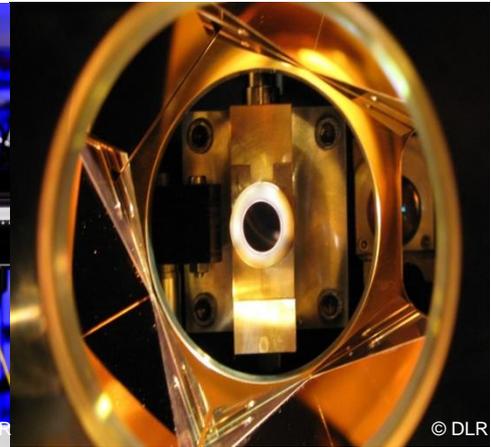
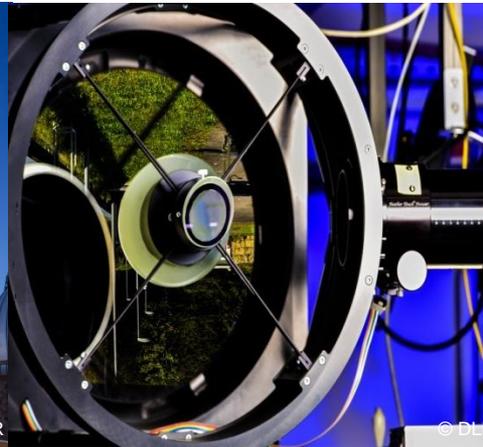
Space

Satellite and debris laser ranging, removal of space debris

Security

Stand-off detection of hazardous substances

Directed energy



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Laser ranging: To improve economy, performance, and adoption for new applications

Thanks to...

- **International Program Committee**
- **Local Organizing Committee**
- **DLR Conference Office**

Knowledge for Tomorrow

